

Shephard, Burt

From: Shephard, Burt
Sent: Monday, March 04, 2013 5:26 PM
To: John Toll
Subject: RE: Food Web Model and PRGs

John,

I'm not quite sure what Elizabeth is really wanting out of the FWM, sounds as though it has something to do with different BHHRA exposure scenarios, although I don't see how changing an ingestion rate or a dietary composition in the human health risk assessment would change the calibrated FWM or any BSAFs / BSARs. A number if not all of her fish / shellfish ingestion scenarios lead to PCB in sediment PRGs below sediment background concentrations.

Only time I'm not available tomorrow is between 1 – 2 pm, have an Upper Columbia River site recurring call that time every week.

Maybe I'll have to park Jim's Windward mug next to my Dewey Cheatham and Howe, attorneys at law mug on my bookcase.

Best regards,

Burt Shephard
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"Facts are stubborn things"
- John Adams

From: John Toll [<mailto:JohnT@windwardenv.com>]
Sent: Monday, March 04, 2013 4:46 PM
To: Shephard, Burt; 'James McKenna'; Allen, Elizabeth
Cc: Humphrey, Chip; Koch, Kristine; 'Jennifer Woronets'; 'Bob Wyatt'
Subject: RE: Food Web Model and PRGs

Hi Burt. Make sure you flash that Windward coffee mug around the Region 10 office and I'll get Jim another one. Will you be able to talk with us tomorrow? You are correct that it is the steady state model you want for PRG calculations. Not trying to be difficult but there's no operator's manual with the model and there are many knobs and dials; that's why we want to talk with you first. John

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From: Shephard, Burt [<mailto:Shephard.Burt@epa.gov>]
Sent: Monday, March 04, 2013 4:36 PM
To: James McKenna; Allen, Elizabeth
Cc: Humphrey, Chip; Koch, Kristine; Jennifer Woronets; John Toll; Bob Wyatt
Subject: RE: Food Web Model and PRGs

Jim,

I've got multiple iterations of the Gobas food web model from LWG, representing different diets in various fish species. It appears as though I have versions from an intermediate draft of the bioaccumulation modeling report, not from the final model runs. Likely what we used to review the food web model report, although its been so long I really don't remember. For Elizabeth's purposes, my understanding is she is interested in the steady state version of the model, not the dynamic version used in the FS. That is, unless something has changed in the dynamic food web model that is needed for PRG estimation. I also have a version of the model from Frank Gobas from a training course he taught a couple of years ago, but it looks to be a newer version of the spreadsheet than what Windward used for the bioaccumulation report.

Jim, I've also got your coffee mug you left in my truck last time you were up in Seattle meeting with Chip, John and me.

Best regards,

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From: James McKenna [<mailto:jim.mckenna@verdantllc.com>]
Sent: Monday, March 04, 2013 4:27 PM
To: Allen, Elizabeth; Shephard, Burt
Cc: Humphrey, Chip; Koch, Kristine; Jennifer Woronets; John Toll; Bob Wyatt
Subject: Food Web Model and PRGs

Elizabeth and Burt:

It is our understanding that you're looking for a copy of the Food Web Model so that you can generate PRGs based on the revised risk assessments. I spoke with John Toll and unfortunately this is a bit more difficult than just "handing over a model". John and I would like to talk with the two of you tomorrow morning to discuss how best to fulfill your request.

We are available tomorrow between 8:00am and 1:00pm (except 10:00 to 11:00). I think we should be able to resolve a path forward in about 30 to 60 minutes. Let us know what time works best for you and we'll have Jen set-up a conference call.

Thanks,

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